

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Thu Aug 30 14:43:08 EDT 2007

=====

Application No: 10582007

Version No: 1.0

Input Set:

Output Set:

Started: 2007-08-17 20:53:36.171

Finished: 2007-08-17 20:53:36.811

Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 640 ms

Total Warnings: 7

Total Errors: 0

No. of SeqIDs Defined: 34

Actual SeqID Count: 34

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (33)
W 213	Artificial or Unknown found in <213> in SEQ ID (34)

SEQUENCE LISTING

<110> Monsanto Technology LLC
 Beazley, Kim
 Coombe, Tim
 Groth, Mark
 Hinchey, Terri
 Pershing, Jay
 Vaughn, Ty
 Zhang, Bei

<120> Corn Plant MON88017 and Compositions and Methods for Detection
 Thereof

<130> 38-15(53143)B

<140> 10582007

<141> 2007-08-17

<150> 10/582,007

<151> 2006-06-02

<150> PCT/US04/41723

<151> 2004-12-14

<150> 60/529,477

<151> 2003-12-15

<160> 34

<170> PatentIn version 3.2

<210> 1

<211> 20

<212> DNA

<213> artificial sequence

<220>

<223> Chimeric DNA of Zea mays genome and non Zea mays transgene insert

<400> 1

tgacggtgac gatatatattca

20

<210> 2

<211> 20

<212> DNA

<213> artificial sequence

<220>

<223> chimeric DNA of Zea mays genome and non Zea mays transgene insert
 DNA

<400> 2

cagtttaaag agagtcgggt

20

<210> 3
 <211> 1461
 <212> DNA
 <213> artificial sequence

 <220>
 <223> Chimeric DNA of Zea mays genome and non Zea mays transgene insert DNA

<400> 3
 gaccagcgtc tcccgcgcga cccgcagtct gcaccgtaga gatcggatgt acaggcatgt 60
 agcattaggc tattcagcgg ctctcgtatc ttattcccta ccatctatct tatctacact 120
 gtataatact ccctccgttt attgtttatt tgtcgttgaa tagttcaata tttgcactgt 180
 ccagcgacaa ctaaaatgaa acggagtgag gtagtgtttt gtacaacatc atatagaggt 240
 gcccaaacgg gggggccggc cggggcccggt caggcccgac ggtaaatcgg gccgtgcccg 300
 gccggccccc tgccgtagcc gtggcccagg cacggcgtgc cgggccagcc gtttaactgg 360
 tcacgttctc ccgcctaact gaaggacact aaccaatata actcgtgagc atttgttgta 420
 aatagctaata ataaaatgta aatatatata ctatgtttta taaaataaaa aatatataat 480
 cgtgccggcc aggcgggcac tgcggggcaa gacagcggcc caagcacgtc acggttctcg 540
 tgccggggcg gcccggcat cgtgtttcag gccggtcggt taggcacggc tcatttggcc 600
 ctctataacc atatatcata ttcacgcagc accttgggct aaggcagacc gacggccgcc 660
 ctaggccccca gatctataga ggettaatgc taaatataaa ttcagtagtt agactatcaa 720
 tgtatgatat aatagtttag caacaaaata ctaaagaatt tatggctacg atgttttcat 780
 aatccgatct tatctaaaca tgttagaagg aaattttaaa gtaatattat aatatgtatc 840
 tttttattta cttattgctt gatatagata tttttgatct atcttaagtg ttttatattg 900
 ataatattta tgtatataaa gaattagaat agtcctatct taaattttgt cctgaacccc 960
 taaaatccca ggaccgccac ctatcatata catacatgat cttctaaata cccgatcaga 1020
 gcgctaagca gcagaatcgt gtgacaacgc tagcagctct cctccaacac atcatcgaca 1080
 agcacctttt ttgccggagt atgacgggtga cgatatattc aattgtaaat ggcttcattg 1140
 ccgggaaatc tacatggatc agcaatgagt atgatgggtc atatggagaa aaagaaagag 1200
 taattaccaa ttttttttca attcaaaaat gtagatgtcc gcagcgttat tataaaatga 1260
 aagtacattt tgataaaacg acaaattacg atccgtcgta tttataggcg aaagcaataa 1320
 acaaattatt ctaattcggg aatctttatt tcgacgtgtc tacattcagc tccaaatggg 1380
 ggcttagatg agaaacttca cgatttggcg cgccaaagct tactcgaggt cattcatatg 1440

cttgagaaga gagtcgggat a

1461

<210> 4

<211> 3525

<212> DNA

<213> artificial sequence

<220>

<223> Chimeric DNA of Zea mays genome and non Zea mays transgene insert
DNA

<400> 4

caaaactccac atgggcttct cgggcgacaa gaatgaactg atcattggtg ctgagtcctt 60

cgtctccaac gagaagatct acatcgacaa gatcgagttc atccccgtcc agctgtgata 120

ggaactctga ttgaattctg catgcgtttg gacgtatgct cattcagggt ggagccaatt 180

tggttgatgt gtgtgcgagt tcttgcgagt ctgatgagac atctctgtat tgtgtttctt 240

tccccagtgt tttctgtact tgtgtaatcg gctaatacgcc aacagattcg gcgatgaata 300

aatgagaaat aaattgttct gattttgagt gcaaaaaaaaa aggaattaga tctgtgtgtg 360

ttttttggat ccccggggcg gccgctcgag caggacctgc agaagctagc ttgatgggga 420

tcagattgtc gtttcccgcc ttcagtttaa acagagtcgg gtttggatgg tcaactccgg 480

catactgccg aaaacaaacc aatccgtcac cgtcaaggcc ccgcaccgct ggccgcacgc 540

aggaaaaata agttgcgacc gcgagcgggc gaatcagaaa gggcgtccgg ccttggtcag 600

acacgacagc gacgcggaag ggctgcgcc gccgtgccat ctacaagggt ccacgtccat 660

ccaaaaagag cgggtgccctg gacttctccc tcgtgttctt acttctctacg cgaaggaagc 720

caggcagggt cgcagctttt ccaaccttcc accccccccg tgcggcgctc ccacgctgag 780

tcgctgaccg ctgcgcctc tcttcgcctc ctctcactc gccgcgtcct ccgcagcaca 840

gccactcgc atcggatcgc gcgcggggag cggcatggcc ggcgacgacg gcagcggcgg 900

gagcggaggc ggcaacaggg aggacgaggt ccacgtgcag atcgcaggtc agtgtcagtc 960

ctccgctcgt tctctctctc tccgacggac agtgtgaact atgtcgggtc gtcgttgagg 1020

atgcgatgag aggagcgcgg gaaggactgt cgtagattgg atttgctctg cagtgcgtgg 1080

gtagccccga gtccccgaca catgttcttt tttctcgggt tatgtcagcg gcggtacgtc 1140

gttggaacgc tcaagcgcga gaggtgttcg atgaattacc ttctgggtgtg tggcgtaccg 1200

gtgggtcagt ggggtttttg gttcgtgtac gggatttggg gttgggggtc atctcccttc 1260

ttcagtgcgc gcgctcacga gtcacggctg tcttgtgatt gctgcatctg tgccatgtgc 1320

tcgtgcgtgc gttttcagtt actggccatt gacactgagt gaatgttcgg ttggtcgtcc	1380
gatagggttg gttcagctgt taattacgac tccaagtatc tgaaacattt catgaggatg	1440
tgtagggaac ctacttttat gcacttcaat ggccaggcca ggctgtatt atctttttct	1500
tgtttgggaa taatgatgtg agctttaggg gagcagcgct gcttcttctt ttttttttct	1560
ccagaaaaag tcatagatat accgtggaca atttctttgt gtgcggtaat tttagagcac	1620
tgtgggtttg tgccctgttc gtcaggaaaa gtaccaagc tgggatttca cttgggtcta	1680
agaaccagc gtttcagttt ggggggtctc ctggtaccct gaagtgtta ccatttatag	1740
ttcccggatg acctgttcat aatgccttct gtatgttggt tgcaggatca tccaaacctg	1800
aaacctcatc taccaacgaa acagctctc aaaactctca taccaagcat tggcattggt	1860
ggctgatggg aactctgaac attttcttcc tcgttgctgg tcagacagca tcgacactcc	1920
ttggcaggtt ctactacaac caaggtggaa atagcaagtg gatgtccaca tttgtccaaa	1980
ccgttggtt tccagtgtg ttcgctgccc tatatctgtt ccgttcaaaa tcgccttcta	2040
cacaaacaac caccagtaac cctgagactt ctgtcaccaa aattactctt atatatgttg	2100
tcttgggcct catcattgct gccgatgact tgatgtattc ctatggcctg ttgtaccttc	2160
ctgtatcaac atattcgctc atttgcgcta gtcagctggc cttcaatgct gtcttctcat	2220
atgtcctaaa tgetcaaaaag ttcaccccat tcattttcaa ctcagtaatt ctcttactt	2280
ttcccgtgc gcttcttggg gttgacgaag attctcaggg taccaatggg ttatcgcggtg	2340
ggaagtacat attgggtttc gatttgacct taggagcctc ggccacatac tcactaattc	2400
tctctctaata gcaagtcgca ttcgagaagg ttattaagaa ggaaactttc tcagtcgtgt	2460
tgaatatgca gatatatata gcactagtgg caacagtagc ttctcttata ggtttatttg	2520
caagcggcga gtggaagact ttagagggag agatgcatgc cttcagctca gggagggtgt	2580
cctatgtgat gacacttcta tggactgctg tatcttggca gatagcttcc gtaggagtgg	2640
tgggtttgat ctttgttgtg tcatcactct tttcaaagt gataagcaca ctggctctac	2700
ccatcattcc gatttttgct gtgattttct tccacgacaa gatggatgga gtgaagatta	2760
ttgctatgtt gatggccatc tggggattcg tttcatatgg atatcaatta tatgtcagtg	2820
acaagaaggc taggaagact tcagtcagtg tggaggagaa ttctaagcg cttgttggcc	2880
tgttacattg gtctttgtgg ctccataacc actttaagtt gctggtattg aggaggtact	2940
agttattgac ttattgtatc caaaggagc tcagttgaga atctcaggtt tacacaattc	3000

ataggtatat	acttctgtta	gtattgtcat	atcatcatat	gtaccgatgt	acggttgtgt	3060
tgtcctttta	aataaaaaga	ttagcatttc	cagaggcatg	ctctctagat	ttctaattgc	3120
cttaaatatt	ttcttgccct	tgttttgttt	tttttttttt	gctattaact	gtgatttgtg	3180
attctatggt	ttgacatata	gtattttctag	gtggtgtgca	tgctgatcct	gcttattcta	3240
ctatgaatta	aatgcagtat	aggtccatta	acttttgcac	gcgagcttct	tggtgaaaag	3300
cctgcgtggt	ttggttttga	taactgagtg	acagttagta	aagggttttt	gtgtaccaca	3360
ttttcttagt	gttcttcact	ccaaatttga	taggcgaggc	tcgatcttat	tcagttgctt	3420
ggctttccct	gttataacgc	ctcagctaac	ctggctttgt	ttccttatgc	ataccttctg	3480
taatctaaca	ccaaaccaca	gatgttgcac	gtccattctc	catgg		3525

<210> 5

<211> 7450

<212> DNA

<213> artificial sequence

<220>

<223> Chimeric DNA of Zea mays genome and non Zea mays transgene insert DNA

<400> 5

taccgatca	gagcgctaag	cagcagaatc	gtgtgacaac	gctagcagct	ctcctccaac	60
acatcatcga	caagcacctt	ttttgccgga	gtatgacggg	gacgatatat	tcaattgtaa	120
atggcttcat	gtccgggaaa	tctacatgga	tcagcaatga	gtatgatggg	caatatggag	180
aaaaagaaaag	agtaattacc	aatttttttt	caattcaaaa	atgtagatgt	ccgcagcggt	240
attataaaat	gaaagtacat	tttgataaaa	cgacaaatta	cgatccgctg	tatttatagg	300
cgaaagcaat	aaacaaatta	ttctaattcg	gaaatcttta	tttcgacgtg	tctacattca	360
cgtccaaatg	ggggcttaga	tgagaaactt	cacgatttgg	cgcgccaaaag	cttactcgag	420
gtcattcata	tgcttgagaa	gagagtcggg	atagtccaaa	ataaaacaaa	ggtaagatta	480
cctgggtcaaa	agtgaaaaca	tcagttaaaa	ggtggtataa	agtaaaatat	cggtataaaa	540
aggtggccca	aagtgaattt	tactcttttc	tactattata	aaaattgagg	atgtttttgt	600
cgggtactttg	atcgttcatt	tttgatatga	ttggttttta	agttttattcg	cttttggaag	660
tgcatatctg	tatttgagtc	gggttttaag	ttcgtttgct	tttgtaaata	cagagggatt	720
tgtataagaa	atatcttttag	aaaaacccat	atgctaattt	gacataattt	ttgagaaaaa	780
tatatattca	ggcgaattct	cacaatgaac	aataataaga	ttaaaatagc	tttcccccg	840

tgcagcgc	at	gggtat	ttttt	tctagta	aaaa	ataaa	agata	aacttag	act	caaa	acattt	900
acaaaaa	acaa	ccccta	aaagt	tcctaa	agcc	caaagt	gcta	tccacg	atcc	atagca	agcc	960
cagccca	aacc	caacc	caacc	acccc	accc	cagtcc	agcc	aactgg	acaa	tagtct	ccac	1020
accccc	ccac	tatcac	cggtg	agttgt	ccgc	acgcac	cgca	cgtctc	gcag	ccaaaa	aaaaa	1080
aaagaa	agaa	aaaaa	agaaa	aaaaa	aac	agcag	gtggg	tccgg	gtcgt	ggggg	ccgga	1140
aacgcg	agga	ggatcg	cgag	ccagcg	acga	ggccgg	ccct	ccctcc	gctt	ccaa	agaaac	1200
gcccc	catc	gccact	atat	acata	cccc	ccctct	ctctc	ccatcc	cccc	aacc	ctacca	1260
ccacc	accac	caccac	ctcc	acctct	ctcc	ccctcg	ctgc	cggacg	acga	gtcct	cccc	1320
cctcccc	ctc	cgcgcg	cgcc	gcgcgg	gtaa	ccaccc	cgcc	cctctc	ctct	ttcttt	ctcc	1380
gttttt	ttttt	cogtct	cggt	ctcgat	cttt	ggcctt	ggta	gtttgg	gtgg	gcgag	aggcg	1440
gcttcg	tgcg	cgccag	atc	ggcgcg	ggg	agggg	cgggga	tctcgc	gggt	gggg	ctctcg	1500
ccggcg	tgga	tccggg	ccccg	atctcg	ggg	gaatgg	gggt	ctcgga	tgta	gatctg	cgat	1560
ccgccg	ttgt	tggggg	gagat	gatggg	gggt	ttaaa	atttc	cgcggt	gcta	aaca	agatca	1620
ggaag	agggg	aaaagg	gcac	tatgg	tttat	attttt	atat	atttct	gctg	cttcgt	cagg	1680
cttag	atgtg	ctagat	cttt	ctttct	ctct	tttgt	gggta	gaattt	gaat	ccctc	agcat	1740
tgttc	atcgg	tagt	ttttct	tttcat	gatt	tgtga	caaat	gcagc	ctcgt	gcggag	cttt	1800
tttgt	taggt	gaagt	gatca	accatg	ggcg	aagtt	agcag	aatctg	caat	ggtgtg	caga	1860
acccat	ctct	tatctc	caat	ctctcg	aaat	ccagt	caacg	caaatc	ctcc	ttatcg	gttt	1920
ctctga	agac	gcagc	agcat	ccacg	agctt	atccg	atttc	gtcgtc	gtgg	ggattg	aaga	1980
agagt	gggat	gacgt	taatt	ggctct	gagc	ttcgt	ctct	taaggt	catg	tcttct	gttt	2040
ccacgg	cggtg	catg	cttcac	ggtg	caagca	gccgg	ccccg	aaccg	ccccg	aaatc	ctctg	2100
gccttt	ccgg	aaccgt	ccgc	attccc	ggcg	acaagt	cgat	ctccc	accgg	tccttc	atgt	2160
tcggcg	gtct	cgcgag	cggt	gaaac	cgca	tcaccg	gcct	tctgga	aaggc	gaggac	gtca	2220
tcaata	cggg	caagg	ccatg	caggcg	atgg	gcgccc	gcat	ccgta	aggaa	ggcgac	acct	2280
ggatc	atcga	tggcgt	ccgc	aatgg	ggggc	tcctg	ggcg	tgagg	cgccg	ctcgat	ttcg	2340
gcaatg	ccgc	cacggg	ctgc	cgctg	acga	tgggc	ctcgt	cgggg	gtctac	gatttc	gaca	2400
gcacct	tcat	cggcg	acgc	tcgct	cacaa	agcgcc	cgat	gggcc	gcgtg	ttga	accgc	2460
tgcgcg	aaaat	gggcgt	gcag	gtgaa	atcgg	aagac	gggtga	ccgtct	ttccc	gttac	cttgc	2520
gcggg	ccgaa	gacgcg	acg	ccgat	cacct	accgcg	tgcc	gatgg	cctcc	gcacag	gtga	2580

agtccgccgt gctgctcgcc ggcctcaaca cgcccgccat caccgacggtc atcgagccga	2640
tcatgacgcg cgatcatacg gaaaagatgc tgcagggctt tggcgccaac cttaccgtcg	2700
agacggatgc ggacggcggtg cgcaccatcc gcctggaagg ccgcggaag ctcaccggcc	2760
aagtcacga cgtgccgggc gaccgcctc cgacggcctt cccgctggtt ggggcctgc	2820
ttgttcggg ctccgacgtc accatcctca acgtgctgat gaacccacc cgcaccggcc	2880
tcatcctgac gctgcaggaa atgggcgcgc acatcgaagt catcaaccgc cgccttgccg	2940
gcggcgaaga cgtggcgac ctgcgcgttc gctcctccac gctgaagggc gtcacggtgc	3000
cggaagaccg cgcgccttcg atgatcgacg aatatccgat tctcgtgtc gccgcgcct	3060
tcgcggaagg ggcgaccgtg atgaacggtc tggagaact ccgctcaag gaaagcgacc	3120
gcctctcggc cgtcgccaat ggcctcaagc tcaatggcgt ggattgcgat gagggcgaga	3180
cgtcgtcgt cgtgcgtggc cgccctgacg gcaaggggct cggcaacgcc tcgggcgcgcg	3240
ccgtcgccac ccattctgat caccgcacgc ccatgagctt cctcgtcatg ggctcgtgt	3300
cggaaaacc tgtcacggtg gacgatgcca cgatgatcgc cagcagcttc ccggagttca	3360
tggacctgat ggcggggctg ggcgcgaaga tcgaactctc cgatacgaag gctgcctgat	3420
gagctcgaat tcccgatcgt tcaaacattt ggcaataaag tttcttaaga ttgaatcctg	3480
ttgccggctc tgcgatgatt atcatataat ttctgttgaa ttacgttaag catgtaataa	3540
ttaacatgta atgcatgacg ttatttatga gatgggtttt tatgattaga gtcccgcaat	3600
tatacattta atacgcgata gaaaacaaaa tatagcgcgc aaactaggat aaattatcgc	3660
gcgcgggtgc atctatgtta ctagatcggg gatctgcggc cgcgttaaca agcttctgca	3720
ggtccgattg agacttttca acaaagggtg atatccggaa acctcctcgg attccattgc	3780
ccagctatct gtcactttat tgtgaagata gtggaaaagg aagggtgctc ctacaaatgc	3840
catcattgcg ataaaggaaa ggccatcgtt gaagatgcct ctgccgacag tggccccaaa	3900
gatggacccc caccacgag gagcatcgtg gaaaaagaag acgttccaac cagctcttca	3960
aagcaagtgg attgatgtga tggtcgatt gagacttttc acaaagggt aatatccgga	4020
aacctcctcg gattccattg cccagctatc tgtcacttta ttgtgaagat agtggaaaag	4080
gaagggtggc cctacaaatg ccatcattgc gataaaggaa aggccatcgt tgaagatgcc	4140
tctgccgaca gtggtcccaa agatggaccc ccacccacga ggagcatcgt ggaaaaagaa	4200
gacgttccaa ccacgtcttc aaagcaagtg gattgatgtg atatctccac tgacgtaagg	4260

gatgacgcac aatcccacta tccttcgcaa gacccttccct ctatataagg aagttcatTT	4320
catttgagaga ggacacgctg acaagctgac tctagcagat cctctagaac catcttccac	4380
acactcaagc cacactattg gagaacacac agggacaaca caccataaga tccaaggag	4440
gcctccgccg ccgccggtaa ccaccccgcc cctctcctct ttctttctcc gttttttttt	4500
ccgtctcggt ctcgatcttt ggcttggtta gtttgggtgg gcgagaggcg gcttcgtgcg	4560
cgccagatc ggtgcgcggg aggggcggga tctcgcggct ggggtctctc ccggcgtgga	4620
tccggcccg atctcgcggg gaatggggct ctcgatgta gatctcgat ccgccgttgt	4680
tgggggagat gatggggggg ttaaaatttc cgccgtgcta aacaagatca ggaagagggg	4740
aaaagggcac tatggtttat atttttatat atttctgctg cttcgtcagg cttagatgtg	4800
ctagatcttt ctttcttctt tttgtgggta gaatttgaat ccctcagcat tgttcacgg	4860
tagtttttct tttcatgatt tgtgacaaat gcagcctcgt gcggagcttt tttgtaggta	4920
gaagtgatca accatggcca accccaacaa tcgctccgag cacgacacga tcaaggtcac	4980
ccccaactcc gagctccaga ccaaccacaa ccagtacccg ctggccgaca accccaactc	5040
caccctggaa gagctgaact acaaggagtt cctgcgcatt accgaggact cctccacgga	5100
ggtcctggac aactccaccg tcaaggacgc cgtcgggacc ggcatctccg tcgttgggca	5160
gatcctgggc gtcttggcg tccccttcgc aggtgctctc acctccttct accagtcctt	5220
cctgaacacc atctggccct ccgacgccga cccctggaag gccttcatgg cccaagtcga	5280
agtcctgac gacaagaaga tcgaggagta cgccaagtcc aaggccctgg ccgagctgca	5340
aggcctgcaa aacaacttcg aggactacgt caacgcgctg aactcctgga agaagacgcc	5400
tctgtccctg cgtccaagc gctcccagga ccgcatccgc gagctgttct ccagggccga	5460
gtcccacttc cgcaactcca tgccgtcctt cgccgtctcc aagttcgagg tctgttcct	5520
gccacctac gccaggctg ccaacaccca cctcctgttg ctgaaggacg ccaggtctt	5580
cggcgaggaa tggggctact cctcggagga cgtcgcgag ttctaccgtc gccagctgaa	5640
gctgaccaa cagtacaccg accactgcgt caactggtac aacgtcggcc tgaacggcct	5700
gaggggctcc acctacgacg catgggtcaa gttcaaccgc ttccgcaggg agatgaccct	5760
gaccgtcctg gacctgatcg tctgttccc cttctacgac atccgcctgt actccaaggg	5820
cgtcaagacc gagctgacct gcgacatctt cacggacccc atcttctctg tcacgaccct	5880
ccagaagtac ggtccacct tctgtccat cgagaactcc atccgcaagc ccacctgtt	5940
cgactacctc cagggcatcg agttccacac gcgcctgagg ccaggctact tcggcaagga	6000

ctccttcaac tactgggtccg gcaactacgt cgagaccagg ccctccatcg gtcctctgaa	6060
gacgatcacc tcccccttct acggcgacaa gtccaccgag cccgtccaga agctgtcctt	6120
cgacggccag aaggtctacc gcaccatcgc caacaccgac gtcgcggctt ggccgaacgg	6180
caaggtctac ctggggctca cgaaggtcga cttctcccag tacgatgacc agaagaacga	6240
gacctccacc cagacctacg actccaagcg caacaatggc cacgtctccg cccaggactc	6300
catcgaccag ctgccgcctg agaccactga cgagcccctg gagaaggcct actcccacca	6360
gctgaactac gcggagtgct tcttgatgca agaccgcagg ggcaccatcc ctttcttcac	6420
ctggaccac cgctccgtcg actttcttcaa caccatcgac gccgagaaga tcaccagct	6480
gcccggtggtc aaggcctacg cctgtctctc ggggtgcctcc atcattgagg gtccaggctt	6540
caccggtggc aacctgctgt tcttgaagga gtctctgaac tccatcgcca agttcaaggt	6600
cacctgaac tccgtgcct tgctgcaacg ctaccgcgtc cgcattccgt acgcctccac	6660
cacgaacctg cgctgttcg tccagaactc caacaatgac ttcttggtca tctacatcaa	6720
caagaccatg aacaaggacg atgacctgac ctaccagacc ttcgacctcg ccaccacgaa	6780
ctccaacatg ggcttctcgg gcgacaagaa tgaactgac attggtgctg agtccttcgt	6840
ctccaacgag aagatctaca tcgacaagat cgagttcatc cccgtccagc tgtgatagga	6900
actctgattg aattctgcat gcgtttggac gtatgctcat tcaggttgga gccaatattg	6960
ttgatgtgtg tgcgagttct tgcgagtctg atgagacatc tctgtattgt gtttctttcc	7020
ccagtgtttt ctgtacttgt gtaatcggct aatcgccaac agattcggcg atgaataaat	7080
gagaaataaa ttgttctgat tttgagtgca aaaaaaagg aattagatct gtgtgtgttt	7140
tttgatccc cggggcggcc gctcgagcag gacctgcaga agctagcttg atggggatca	7200
gattgtcgtt tcccgccttc agtttaaaaca gagtcgggtt tggatggtca actccggcat	7260
actgccgaaa acaaaccaat ccgtcacctg caaggccccg caccgtggc cgcacgcagg	7320
aaaaataagt tgcgaccgcg agcgggcgaa tcagaaaggc cgtccggcct tggtcagaca	7380
cgacagcgac gcggaaaggc tgcgcccgcg gtgccatcta caagggtcca cgtccatcca	7440
aaaagagcgg	7450

<210> 6

<211> 21

<212> DNA

<213> Zea mays

<400> 6
ctgaaccctt aaaatcccag g 21

<210> 7
<211> 30
<212> DNA
<213> Oryza sativa

<400> 7
cctttgtttt attttgact atcccgactc 30

<210> 8
<211> 40
<212> DNA
<213> Triticum aestivum

<400> 8
ctgatgagac atctctgtta ttgtgtttct ttccccagtg 40

<210> 9
<211> 30
<212> DNA
<213> Triticum aestivum

<400> 9
tgtaatcggc taatcgccaa ca